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| FORM PTO-1390 (REV 11-2000) | U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER 124-849 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 09/787767 Unknown |
| INTERNATIONAL APPLICATION NO. PCT/GB99/03000 | INTERNATIONAL FILING DATE 24 September 1999 | PRIORITY DATE CLAIMED 24 September 1998 |
| TITLE OF INVENTION PROGRAMMABLE LENS ASSEMBLIES AND OPTICAL SYSTEMS INCORPORATING THEM | | |
| APPLICANT(S) FOR DO/EO/US LOWANS | | |

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
- ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.
- ☒ The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).
- A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
 - ☐ is attached hereto (required only if not communicated by the International Bureau).
 - ☒ has been communicated by the International Bureau.
 - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - ☐ is attached hereto.
 - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☒ Amendments to the claims of the International Application under PCT Article 34
 - ☐ are attached hereto (required only if not communicated by the International Bureau).
 - ☒ have been communicated by the International Bureau.
 - ☐ have not been made; however, the time limit for making such amendments has **NOT** expired.
 - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- ☐ A English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 To 20 below concern document(s) or information included:

- ☐ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
- ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
- ☐ A FIRST preliminary amendment.
- ☐ A SECOND or SUBSEQUENT preliminary amendment.
- ☐ A substitute specification.
- ☐ A change of power of attorney and/or address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.
- ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information. PTO-1449/ International Search Report

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| U.S. APPLICATION NO. (if known) 08/1787767 (Unknown) | | INTERNATIONAL APPLICATION NO. PCT/GB99/03000 | | ATTORNEY'S DOCKET NUMBER 124-849 | |
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|--|--------|--|--|---|--|----|--------|--|----|------|--|
| 21. <input checked="" type="checkbox"/> The following fees are submitted: | | | | CALCULATIONS PTO USE ONLY | | | | | | | |
| BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5)): -- Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO\$1000.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....\$860.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO\$710.00 -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$690.00 -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00 <div style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div> | | | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%; text-align: center;">\$</td> <td style="width:60%; text-align: right;">860.00</td> <td style="width:30%;"></td> </tr> <tr> <td style="text-align: center;">\$</td> <td style="text-align: right;">0.00</td> <td></td> </tr> </table> | | \$ | 860.00 | | \$ | 0.00 | |
| \$ | 860.00 | | | | | | | | | | |
| \$ | 0.00 | | | | | | | | | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)). | | | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%; text-align: center;">\$</td> <td style="width:60%; text-align: right;">0.00</td> <td style="width:30%;"></td> </tr> </table> | | \$ | 0.00 | | | | |
| \$ | 0.00 | | | | | | | | | | |

| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
|--|--------------|--------------|------|---|-------------------|
| Total Claims | 18 | -20 = | 0 | X | \$18.00 |
| Independent Claims | 2 | -3 = | 0 | X | \$80.00 |
| MULTIPLE DEPENDENT CLAIMS(S) (if applicable) | | | | | \$270.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | | | \$ 1130.00 |

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| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | SUBTOTAL = \$ 1130.00 | |
| Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)). | | + 0.00 | |
| TOTAL NATIONAL FEE = | | \$ 1130.00 | |
| Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property | | + \$ 40.00 | |
| Fee for Petition to Revive Unintentionally Abandoned Application (\$1240.00 - Small Entity = \$620.00) | | \$ 0.00 | |
| TOTAL FEES ENCLOSED = | | \$ 1170.00 | |

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|--|---------------|----|--|
| | Amount to be: | | |
| | refunded | \$ | |
| | Charged | \$ | |

a. ☒ A check in the amount of \$1170.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees.
A duplicate copy of this form is enclosed.

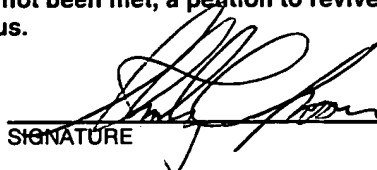
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.

d. ☒ The entire content of the foreign application(s), referred to in this application is/are hereby incorporated by reference in this application.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

NIXON & VANDERHYE P.C.
 1100 North Glebe Road, 8th Floor
 Arlington, Virginia 22201-4714
 Telephone: (703) 816-4000


 SIGNATURE

Stanley C. Spooner
 NAME

27,393
 REGISTRATION NUMBER

March 22, 2001
 Date